

**REMARKS**

Claims 1-20 are pending in this application. By this Amendment, the specification is amended to correct typographical errors. The amendments to the specification are supported in the originally filed specification and originally filed claims, as discussed in greater detail below. No new matter is added.

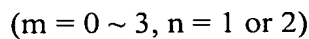
Claims 12 and 14 are amended to also correct typographical errors in view of the amendments to the specification.

**I. The Amendments To The Specification Do Not Introduce New Matter**

Chemical formulas (a) and (b) are amended as described above in the specification and in claim 12.

**A. Regarding Formula (a)**

The following is formula (a) as filed.



The following is a list of formula (a).

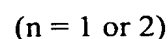
[0030] line 4;

"hexachlorodisiloxane, 1,3-dichlorotetramethyl disiloxane, dichlorodimethyl silane"

(Claim 16)

"dichloro tetramethyl disiloxane, dimethoxy tetramethyl disiloxane, tetrachloro dimethyl disiloxane and tetrametyoxy dimethyl disiloxane"

Formula (a) as filed is as follows in the case that "m" is zero.



According to this formula, Si atom would become hexavalent. This is clear mistyping, as Si atom is tetravalent.

Formula (a) is thus corrected where "m" is zero to "dichlorodimethyl silane" only.

This is supported by [0030].

"dichlorodimethyl silane"  $\text{Cl}_2 \text{Si} (\text{CH}_3)_2 \text{Cl}$

After the case that "m = 0" is deleted, the formula (a) as filed is expressed as follows.

(a)  $\text{X}_n \text{R}_{3-n} \text{Si} (\text{OSi})_m \text{R}_{3-n} \text{X}_n$

(n = 1 or 2, m = 1, 2 or 3)

This formula is rewritten as follows.

(m = 1)

(a)  $\text{X}_n \text{R}_{3-n} \text{Si OSiR}_{3-n} \text{X}_n$

(m = 2)

$\text{X}_n \text{R}_{3-n} \text{Si OSi OSiR}_{3-n} \text{X}_n$

(m = 3)

$\text{X}_n \text{R}_{3-n} \text{Si OSi OSi OSiR}_{3-n} \text{X}_n$

According to the above formula, Si atom and O atom are bonded with siloxane bond.

Si atoms are thus divalent.

Thus, all the listed compounds are siloxanes as follows.

dichloro tetramethyl disiloxane:  $\text{Cl Si} (\text{CH}_3)_2 \text{OSi} (\text{CH}_3)_2 \text{Cl}$

dimethoxy tetramethyl disiloxane:  $\text{H}_3 \text{COSi} (\text{CH}_3)_2 \text{OSi} (\text{CH}_3)_2 \text{OCH}_3$

tetrachloro dimethyl disiloxane:  $\text{Cl}_2 \text{CH}_3 \text{Si OSi CH}_3 \text{Cl}_2$

tetramethoxy dimethyl disiloxane:  $(\text{CH}_3 \text{O})_2 \text{CH}_3 \text{Si OSiCH}_3 (\text{OCH}_3)_2$

(OSi) means siloxane bond, and the Si atoms are divalent.

Si atoms are, however; tetravalent in the art. The above formula is mistyping.

As described above, it is clear that (OSi) is a mistyping of (OSiR<sub>2</sub>) where (R:alkyl group) was inadvertently omitted.

The following formula is thus correct and is in conformity with the above listed compounds.

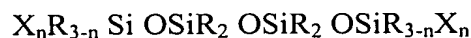
$$(m = 1)$$



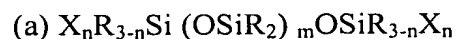
$$(m = 2)$$



$$(m = 3)$$



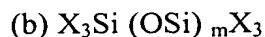
The above formulas are integrated as follows.



(n = 1 or 2, m is an integer of 0 to 2)

**B. Regarding Formula (b)**

The following is chemical formula (b) as filed.



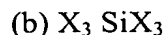
(m = an integer of 0 to 3, n = 1 or 2)

Claim 16 as filed includes the following examples of (b).

Hexachlorodisiloxane:  $Cl_3 Si OSi Cl_3$

Hexamethoxy disiloxane:  $(CH_3O)_3 Si OSi (OCH_3)_3$

The formula (b) is as follows when m = 0.

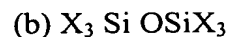


(m = an integer of 0 to 3, n = 1 or 2)

Si atom of this compound is hexavalent. This formula is thus mistyping.

Thus, this formula needs to be corrected to delete the condition where m = 0.

$$(m = 1)$$



(m = 2)

(b)  $X_3 \text{ Si OSiX}_3$

(m = 3)

(b)  $X_3 \text{ Si OSi OSi OSiX}_3$

Si atoms and O atoms are bonded with siloxane bond (-S-O-), so that Si atoms are divalent in all the above formulas. The listed compounds in the specification are also siloxanes.

Hexachloro disiloxane:  $\text{Cl}_3 \text{ Si OSiCl}_3$

Hexamethoxy disiloxane:  $(\text{CH}_3\text{O})_3\text{Si OSi}(\text{OCH}_3)_3$

(OSi) means siloxane bond and the Si atoms are divalent.

Si atoms are, however, tetravalent in the art, and the above formulas are mistyping.

As described above, it is clear that (OSi) is a mistyping of (OSiR<sub>2</sub>) where (R:alkyl group) was inadvertently omitted.

The following formula is thus correct and is in conformity with the above listed compounds.

(m = 1)

(b)  $X_3 \text{ Si OSiX}_3$

(m = 2)

(b)  $X_3 \text{ Si OSiR}_2 \text{ OSiX}_3$

(m = 3)

(b)  $X_3 \text{ Si OSiR}_2 \text{ OSiR}_2 \text{ OSiX}_3$

These formulas are integrated as follows.

(b)  $X_3 \text{ Si(OSiR}_2)_m \text{ OSiX}_3$

(m = an integer of 0 to 2)

The inadvertent omission of "R" adjacent to (OSi-) is further supported by (0038) of the specification:

"In the above general formula (a) and/or (b), X is at least one halogen group selected from the group consisting of fluorine, chlorine, bromine, and iodine, or alkoxy group having C<sub>1</sub> to C<sub>6</sub> alkyl or phenoxy group, R is C<sub>1</sub> to C<sub>6</sub> alkyl group."

**C. Regarding Both Formula (a) and Formula (b)**

The description of the groups "X" and "R" relates to (a) and/or (b).

In other words, both of "X" and "R" are defined for each of (a) and (b), since "(a) or (b)" is an alternative expression.

Formula (a) includes both of "X" and "R."

However, formula (b) includes only "X" in the formula.

This is contradicted with the above alternative expression. This contradiction is caused by inadvertent omission of "R" in the formula (b) as filed.

"R" can be introduced into formula (b) directly and unambiguously from the above description as filed.

In view of the above, the amendments to the specification do not introduce new matter.

**II. Response To Restriction Requirement**

In reply to the July 8, 2008 Restriction Requirement, Applicants provisionally elect Group V, claim 12, with traverse.

Claims 13-20 depend from claim 12. Thus, claims 13-20 should be examined together with claim 12.

It is also respectfully submitted that the subject matter of all claims is sufficiently related that a thorough search for the subject matter of any one Group of claims would encompass a search for the subject matter of the remaining claims. Thus, it is respectfully

submitted that the search and examination of the entire application could be made without serious burden. See MPEP §803 in which it is stated that "if the search and examination of an entire application can be made without serious burden, the examiner must examine it on the merits, even though it includes claims to independent or distinct inventions" (emphasis added). It is respectfully submitted that this policy should apply in the present application in order to avoid unnecessary delay and expense to Applicants and duplicative examination by the Patent Office.

Thus, withdrawal of the Restriction Requirement is respectfully requested.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-20 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

Gang Luo  
Registration No. 50,559

JAO:GL/eks

Date: August 8, 2008

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 320850**  
**Alexandria, Virginia 22320-4850**  
**Telephone: (703) 836-6400**

DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
--